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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(MBHB Case No. 100116)

In re Application of:	)	
	)	
Mikolas et al.	)	Examiner: Unknown
	)	
Serial No.: 10/752,416	)	Group Art Unit: 3723
	)	
Filed: January 6, 2004	)	
	)	
For: Micromachining by Chemical	)	
Mechanical Polishing	)	

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In regard to the above identified application:

1. We are transmitting herewith the attached:
  - a. Information Disclosure Statement (IDS) (3 sheets);
  - b. Form PTO-1449 (2 sheets); and
  - c. Return Receipt Postcard.
2. With respect to fees:
  - a.   X   No fee is required
3. Please charge any additional fees or credit overpayment to Deposit Account No. **13-2490**.
4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July   2  , 2004.

Respectfully submitted,

Date: July <u>  2  </u> , 2004	By: <u><i>Raafat M. Shaltout</i></u>
	Raafat M. Shaltout
	Reg. No. 45,092
	<b>McDonnell, Boehnen Hulbert &amp; Berghoff LLP</b>
	300 South Wacker Drive
	Chicago, IL 60606



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 100116)**

**In the Application of:**

**Mikolas et al.**

**Serial No. 10/752,416**

**Filed: January 6, 2004**

**Title: Micromachining by Chemical  
Mechanical Polishing**

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**Examiner: Unknown**

**Group Art Unit: 3723**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. Section 1.97 - 1.99, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 C.F.R. Section 1.56. The references are also listed on the enclosed PTO Form 1449.

In the judgment of the undersigned, portions of the listed references may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or Section 103.

### **United States Patents**

1. Chow et al. U.S. Patent 4,789,648, issued Dec. 6, 1988
2. Cote et al. U.S. Patent 4,956,313, issued Sept. 11, 1990
3. Medellin U.S. Patent 5,137,544, issued Aug. 11, 1992
4. Medellin U.S. Patent 5,157,876, issued Oct. 27, 1992
5. Yu et al. U.S. Patent 5,209,816, issued May 11, 1993
6. Tollini U.S. Patent 5,244,523, issued Sept. 14, 1993
7. Cadien et al. U.S. Patent 5,340,370, issued Aug. 23, 1994
8. Yu et al. U.S. Patent 5,354,490, issued Oct. 11, 1994
9. Brancaleoni et al. U.S. Patent 5,391,258, issued Feb. 21, 1995
10. Brancaleoni et al. U.S. Patent 5,476,606, issued Dec. 19, 1995
11. Neville et al. U.S. Patent 5,527,423, issued Jun. 18, 1996
12. Kaufman et al. U.S. Patent 5,783,489, issued Jul. 21, 1998
13. Kaufman et al. U.S. Patent 5,954,997, issued Sept. 21, 1999
14. Streinz et al. U.S. Patent 5,993,686, issued Nov. 30, 1999
15. Streinz et al. U.S. Patent 6,015,506, issued Jan. 18, 2000
16. Kaufman et al. U.S. Patent 6,033,596, issued Mar. 7, 2000
17. Kaufman et al. U.S. Patent 6,039,891, issued Mar. 21, 2000
18. Kaufman et al. U.S. Patent 6,063,306, issued May 16, 2000
19. Grumbine et al. U.S. Patent 6,068,787, issued May 30, 2000

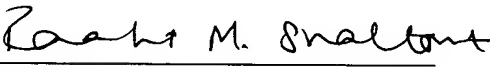
### **United States Publication**

20. U.S. Patent Pre-Grant Publication No. 2003/0136759, published July 23, 2003.

In accordance with MPEP Sections 609 and 707.05(b), it is requested the document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Respectfully submitted,  
**McDonnell, Boehnen Hulbert & Berghoff LLP**

Date: July 2, 2004

By:   
Raafat M. Shaltout  
Reg. No. 45,092

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FORM PTO-1449  
(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

100178

Serial No.

10/752,416

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant:

Mikolas et al.

Filing Date:

January 6, 2004

Group:

3723

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	4,789,648	Dec. 6, 1988	Chow et al.			
	2.	4,956,313	Sept. 11, 1990	Cote et al.			
	3.	5,137,544	Aug. 11, 1992	Medellin			
	4.	5,157,876	Oct. 27, 1992	Medellin			
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	7.	5,340,370	Aug. 23, 1994	Cadien et al.			
	8.	5,354,490	Oct. 11, 1994	Yu et al.			
	9.	5,391,258	Feb. 21, 1995	Brancaleoni et al.			
	10.	5,476,606	Dec. 19, 1995	Brancaleoni et al.			
	11.	5,527,423	Jun. 18, 1996	Neville et al.			
	12.	5,783,489	Jul. 21, 1998	Kaufman et al.			
	13.	5,954,997	Sept. 21, 1999	Kaufman et al.			
	14.	5,993,686	Nov. 30, 1999	Streinz et al.			
	15.	6,015,506	Jan. 18, 2000	Streinz et al.			
	16.	6,033,596	Mar. 7, 2000	Kaufman et al.			
	17.	6,039,891	Mar. 21, 2000	Kaufman et al.			
	18.	6,063,306	May 16, 2000	Kaufman et al.			
	19.	6,068,787	May 30, 2000	Grumbine et al.			
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

**FORM PTO-1449**  
(Rev. 2-32)

**U.S. Department of Commerce**  
**Patent and Trademark Office**

**Atty. Docket No.**

100178

**Serial No.**

10/752,416

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

**Applicant:**

David G. Mikolas

**Filing Date:**

January 6, 2004

**Group:**

3723

**U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initial		Document Number	Publication Date if Appropriate	Name	Class	Subclass	Filing Date
	20.	2003/0136759	Jul. 24, 2003	Mikolas			

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.